

# MATERIAL SAFETY DATA SHEET

## FOR COATINGS, RESINS AND RELATED MATERIALS

(Approved by U.S. Department of Labor "Essentially Similar" to Form OSHA-20)

**JUL 12 1982**

DATE OF PREP. **JULY 1982**

### Section I

MANUFACTURER'S NAME **BOSTIK WEST, DIVISION OF EMHART CORPORATION**

STREET ADDRESS **20846 S. NORMANDIE AVE.** CITY, STATE, AND ZIP CODE **TORRANCE, CA. 90502**

EMERGENCY TELEPHONE NO. **(213) 320-6800**

PRODUCT CLASS **AMINE CURING SOLUTION**  
(DMS 1738-17875)

TRADE NAME **BOSTIK**

MANUFACTURERS CODE IDENTIFICATION **CA-131**

**CURING SOLUTION FOR 463-3-40TRS**

MIX RATIO: **706 GMS. 463-3-40TRS (BASE) TO 315 GMS. CA-131**

### Section II — HAZARDOUS INGREDIENTS

INGREDIENT CA-131 (*EPOXY CURING SOLUTION)	CAS NO.	PERCENT (Wt.)	TLV		LEL	VAPOR PRESSURE
			PPM	mg/M <sup>3</sup>		
BUTYL CELLOSOLVE	111-76-2	10-15	50		1.1	1
METHYL ETHYL KETONE	78-93-3	25-30	200		1.8	70
NORMAL BUTYL ACETATE	123-86-4	25-30	150		1.7	8
NORMAL BUTYL ALCOHOL	71-36-3	25-30	100		1.7	4
TOLUENE	108-88-3	1-5	200		1.2	22
*CA-131 MAY ALSO CONTAIN A MINOR AMOUNT OF DIETHYLENE TRIAMINE (DETA)	111-40-0		1.0 (ACGIH, TWA)		1.4	<1.0

### Section III — PHYSICAL DATA

BOILING RANGE **176°-340°F** VAPOR DENSITY ☒ HEAVIER ☐ LIGHTER THAN AIR

EVAPORATION RATE ☐ FASTER ☒ SLOWER THAN ETHER PERCENT VOLATILE BY VOLUME **95** WEIGHT PER GALLON **7.1 LBS.**

### Section IV — FIRE AND EXPLOSION HAZARD DATA

DOT CATEGORY **RED LABEL, FLAMMABLE** (MIN.) FLASH POINT **23°F, TAG CLOSED CUP** LEL **1.1**

EXTINGUISHING MEDIA **Exclude air-Use foam, CO<sub>2</sub>, steam, water fog, dry chemicals. Do not use water.**

UNUSUAL FIRE AND EXPLOSION HAZARDS **Vapor forms explosive mixture with air between upper and lower explosion limits.**

SPECIAL FIRE FIGHTING PROCEDURES **Do not use water, exclude air, use water spray to cool fire exposed surfaces and to protect personnel.**

## Section V — HEALTH HAZARD C A

THRESHOLD LIMIT VALUE See Section II

EFFECTS OF OVEREXPOSURE Headache, nausea, dizziness. Breathing vapor will be irritating to nose, throat, and eyes.

EMERGENCY AND FIRST AID PROCEDURES : Skin Exposure: Wash affected area with soap and water. Eye Exposure: Flush with water for at least 15 minutes, consult physician. Ingestion: Consult physician immediately. Inhalation: Remove victim to fresh air, consult physician.

## Section VI — REACTIVITY DATA

STABILITY ☐ UNSTABLE ☒ STABLE

CONDITIONS TO AVOID Storage at high temperatures.

INCOMPATIBILITY (Materials to avoid) Strong oxidizing agents.

Sparks & open flame.

HAZARDOUS DECOMPOSITION PRODUCTS

On combustion CO, CO<sub>2</sub>, Aldehydes and other organics, oxides of nitrogen.

HAZARDOUS POLYMERIZATION ☐ MAY OCCUR

☒ WILL NOT OCCUR

CONDITIONS TO AVOID

## Section VII — SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Eliminate sources of ignition and clear fumes from area. Prevent liquid from entering sewers, water sources, or low areas. Keep unnecessary personnel away. Shut off source, if possible to do so without hazard. Contain spilled liquid with sawdust, sand or oil absorbing compound. Wash area with detergent & water. Consult disposal expert and ensure conformity with local regulations.

## Section VIII — SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: Use approved respiratory protection such as an air-supplied mask if used in non ventilated area.

Mechanical: Explosion-proof ventilation equipment. No smoking or open lights.

VENTILATION : Face velocity > 60fpm in confined area.

PROTECTIVE GLOVES Chemically resistant gloves.

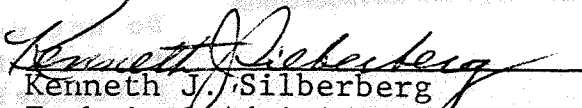
EYE PROTECTION Chemical splash goggles or face shield.

OTHER PROTECTIVE EQUIPMENT Eye bath & Safety shower.

## Section IX — SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING : Keep containers closed when not in use. Do Not handle or store near flame, heat or strong oxidants. Adequate ventilation required. Containers of this product may be hazardous when emptied -these OTHER PRECAUTIONS containers retain product residues (vapor, liquid, etc.).

All handling equipment should be electrically grounded. Treat as a very flammable liquid.

  
Kenneth J. Silberberg  
Technical Administrative Manager